

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

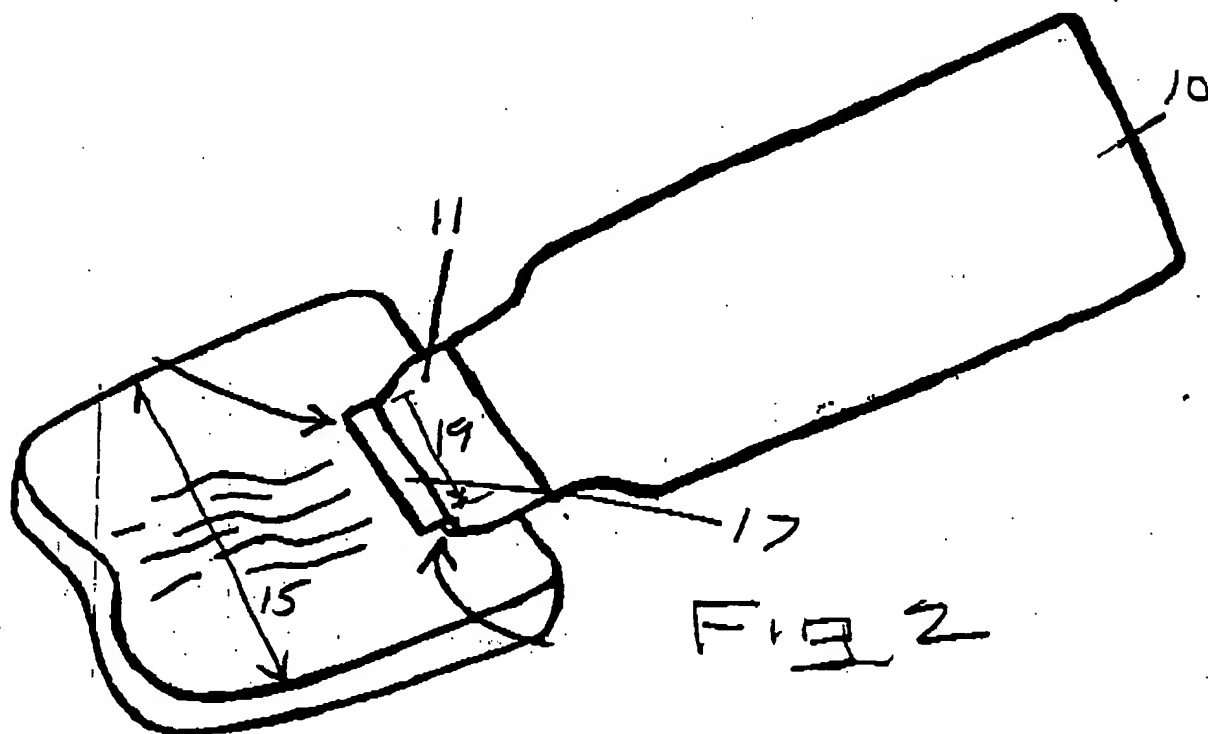
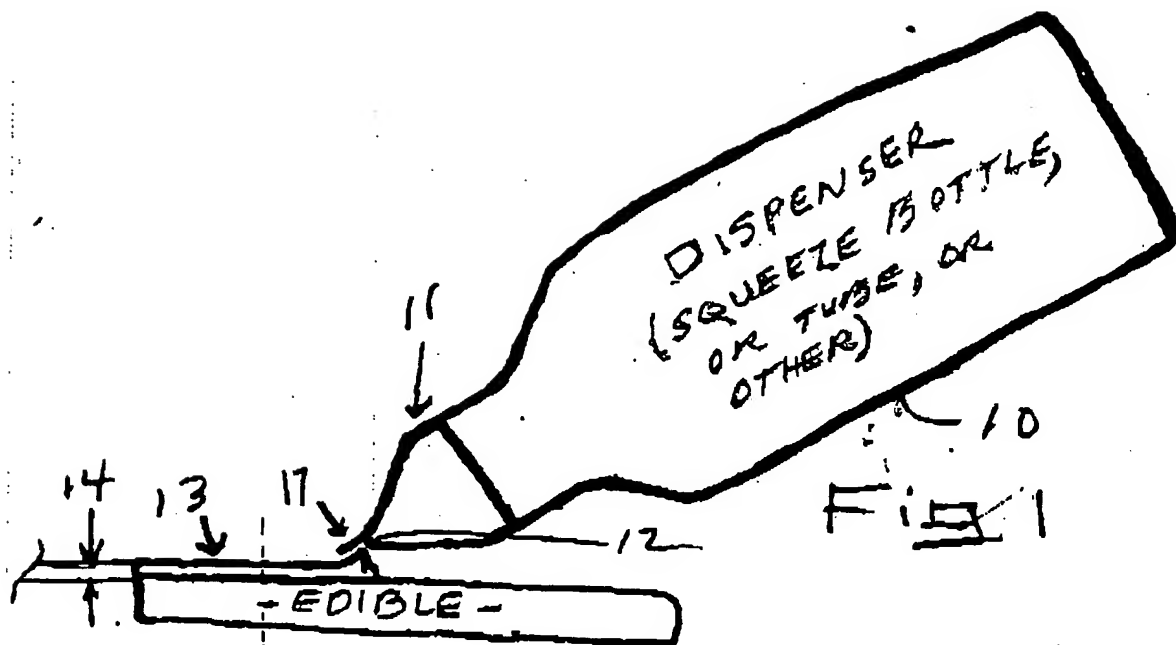
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



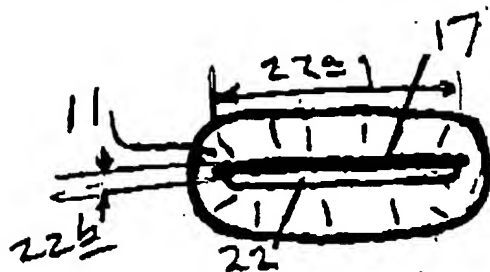


Fig 3

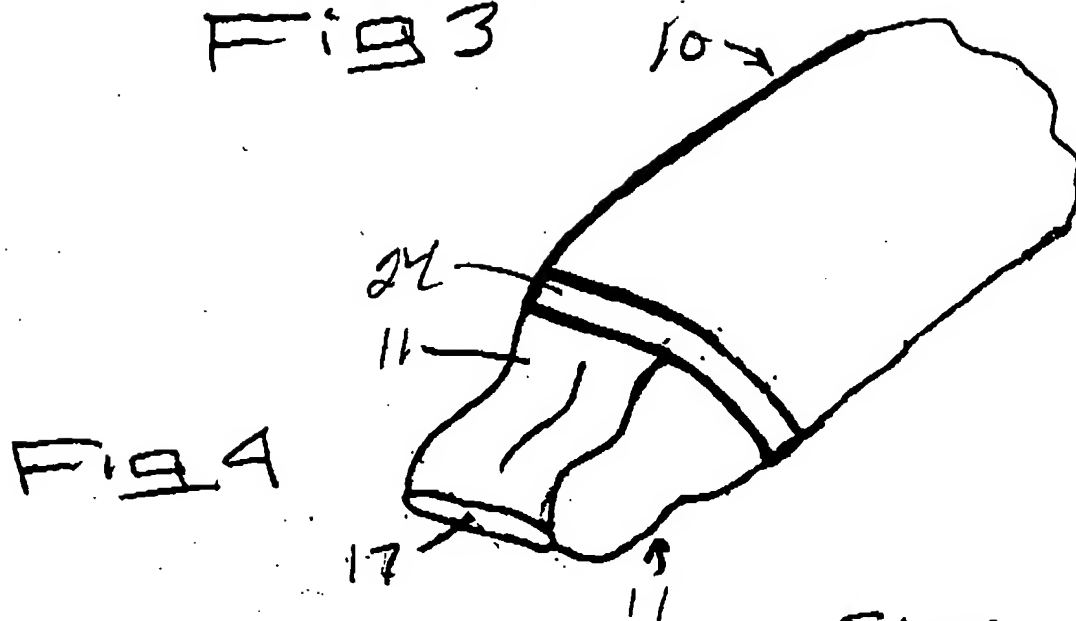


Fig 4

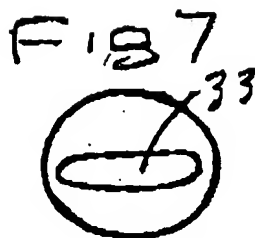


Fig 7

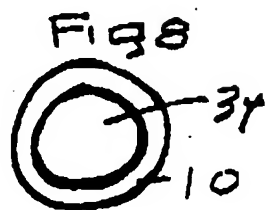


Fig 8

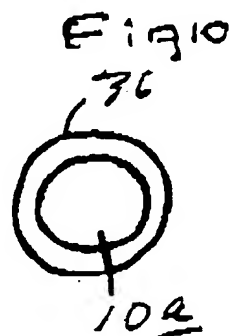


Fig 10

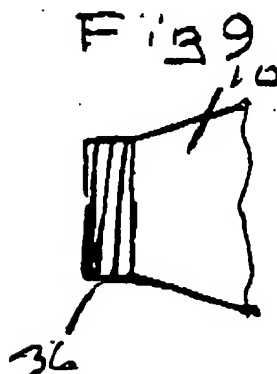


Fig 9

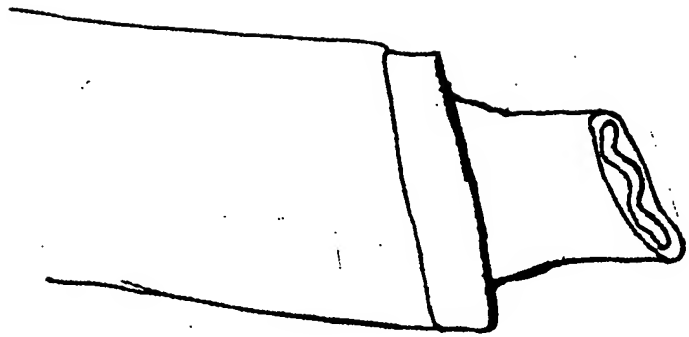


FIG 4A

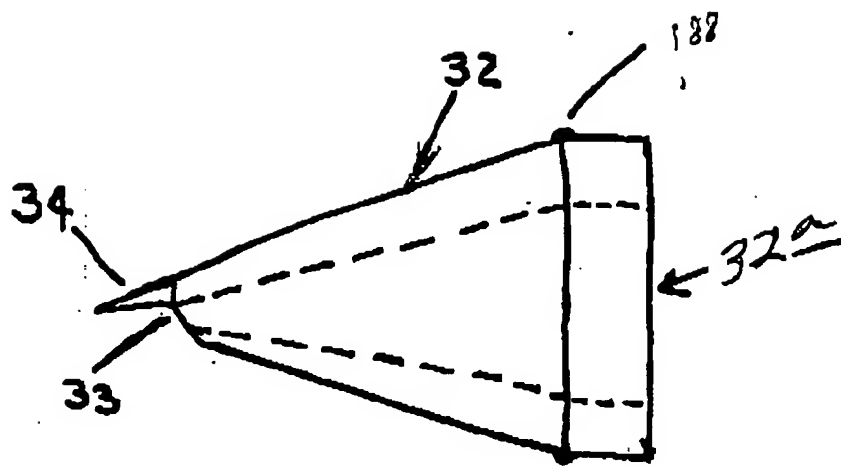


Fig 5

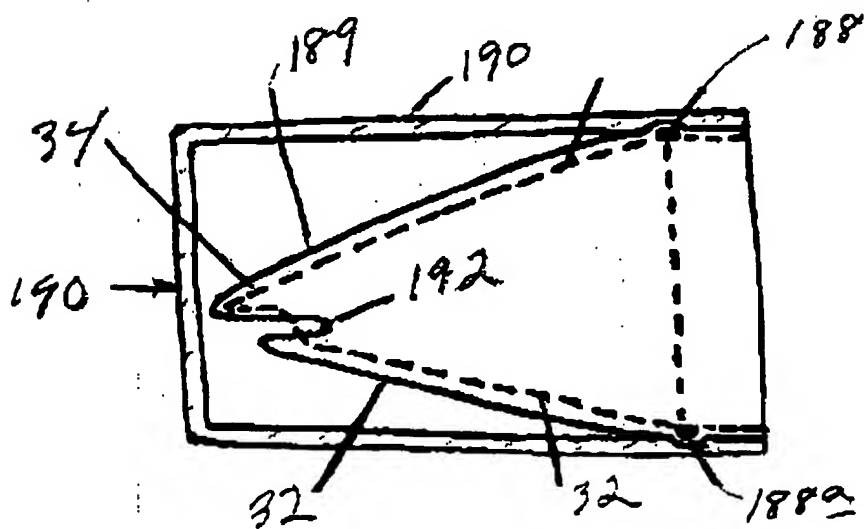


Fig 6

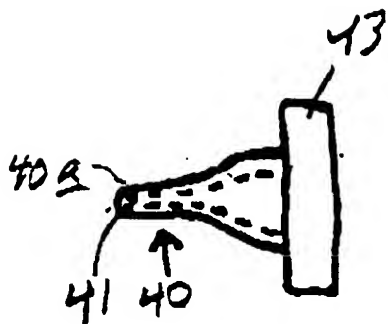


FIG 11

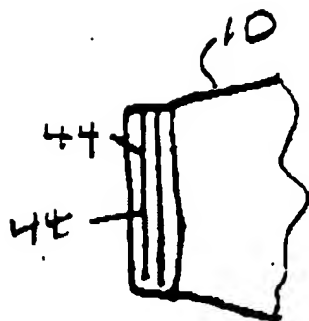


FIG 12



FIG 13

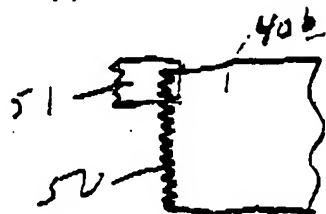


FIG 14

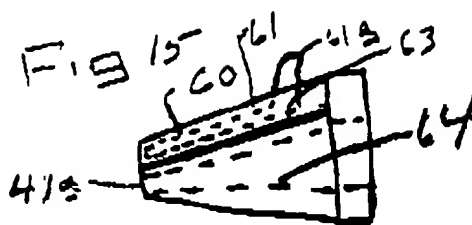


FIG 15

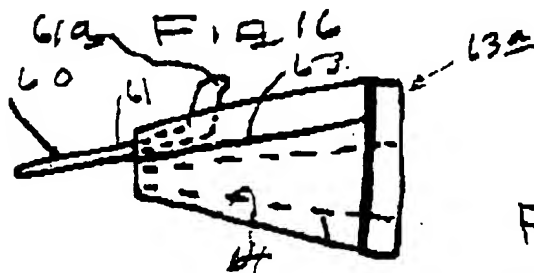


FIG 16

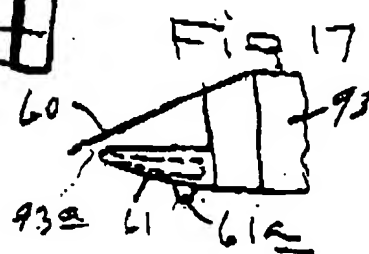


FIG 17

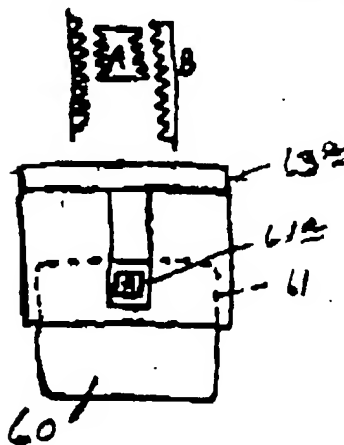
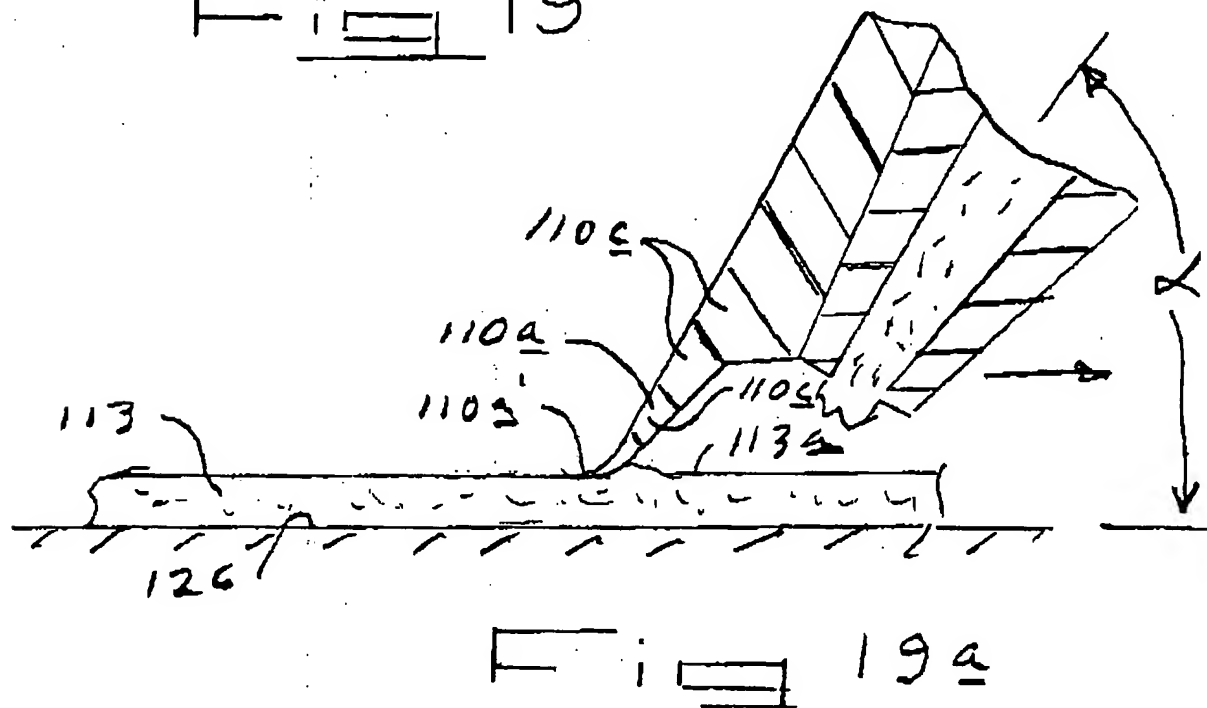
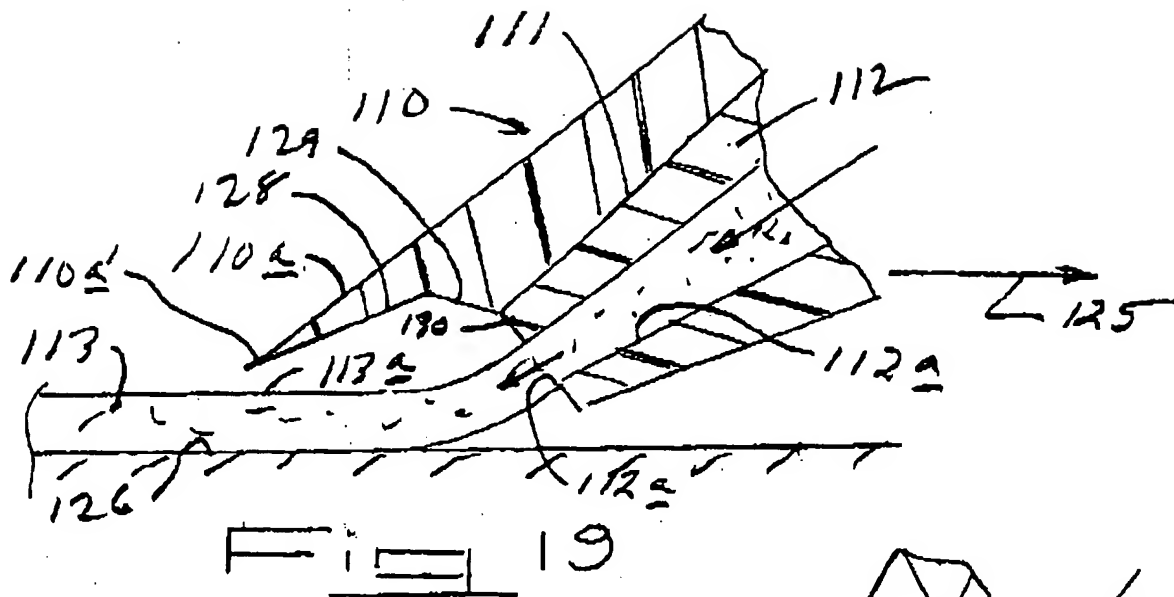


FIG 18



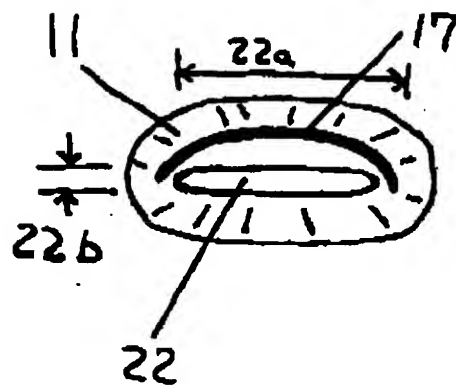


Fig 20



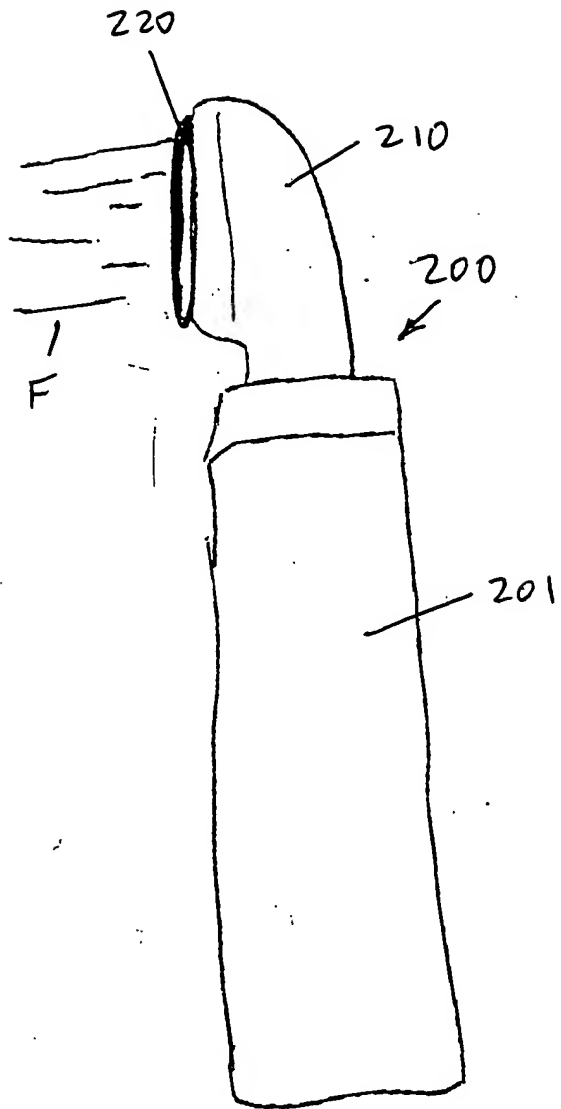


FIGURE 21A

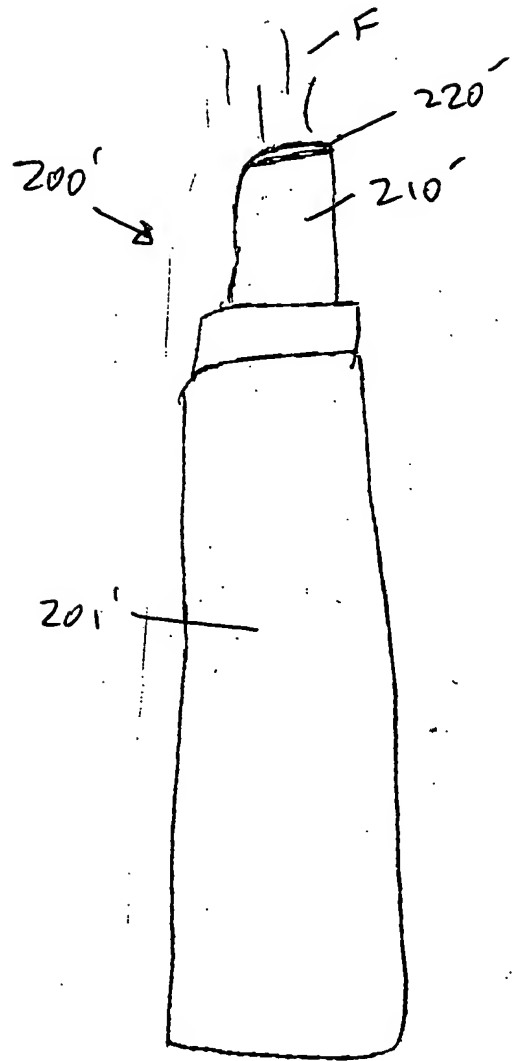
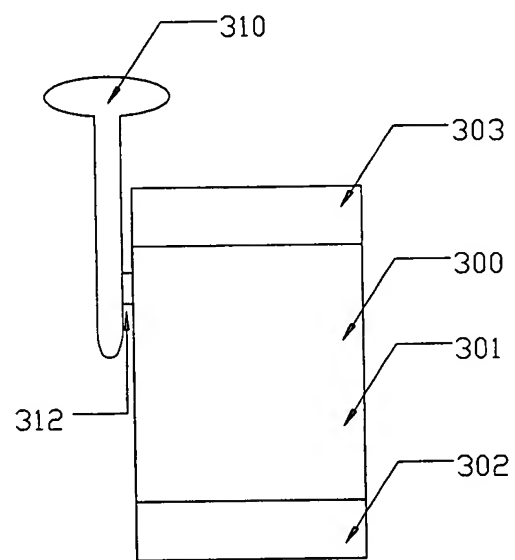
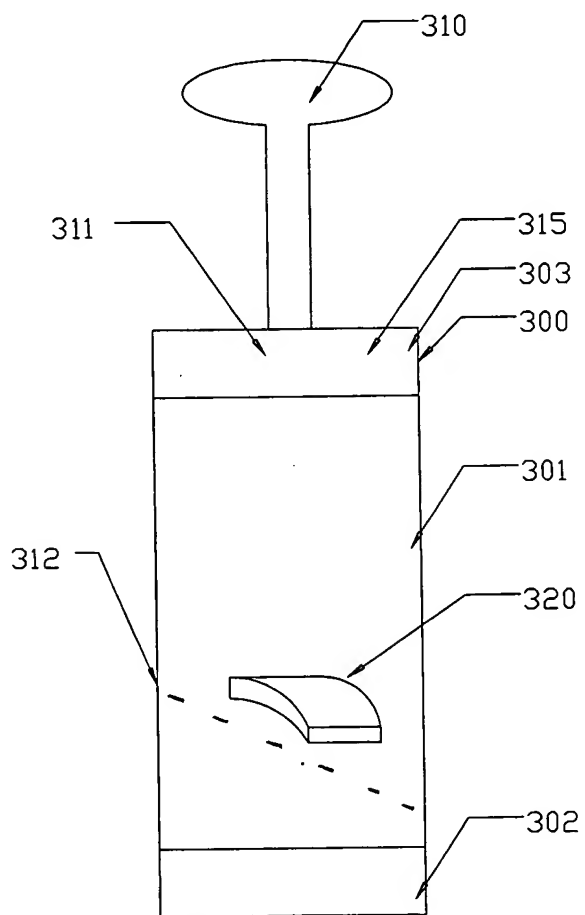


FIGURE 21B



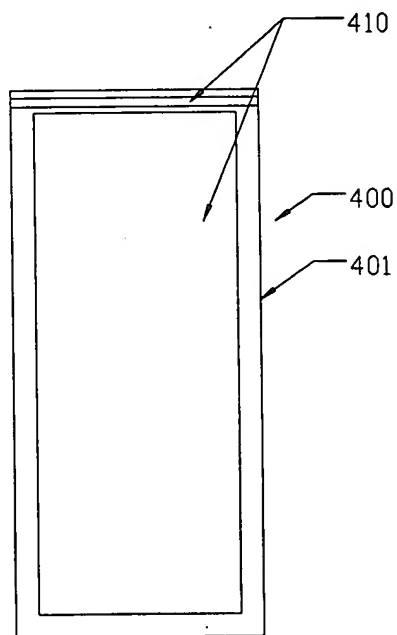
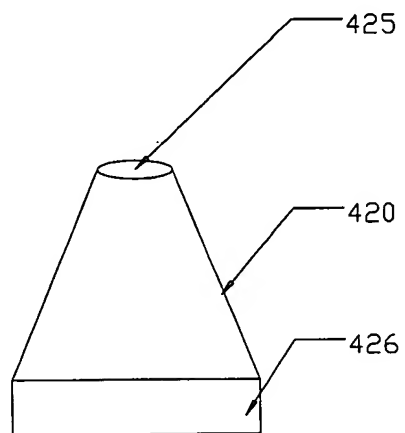


FIGURE 23

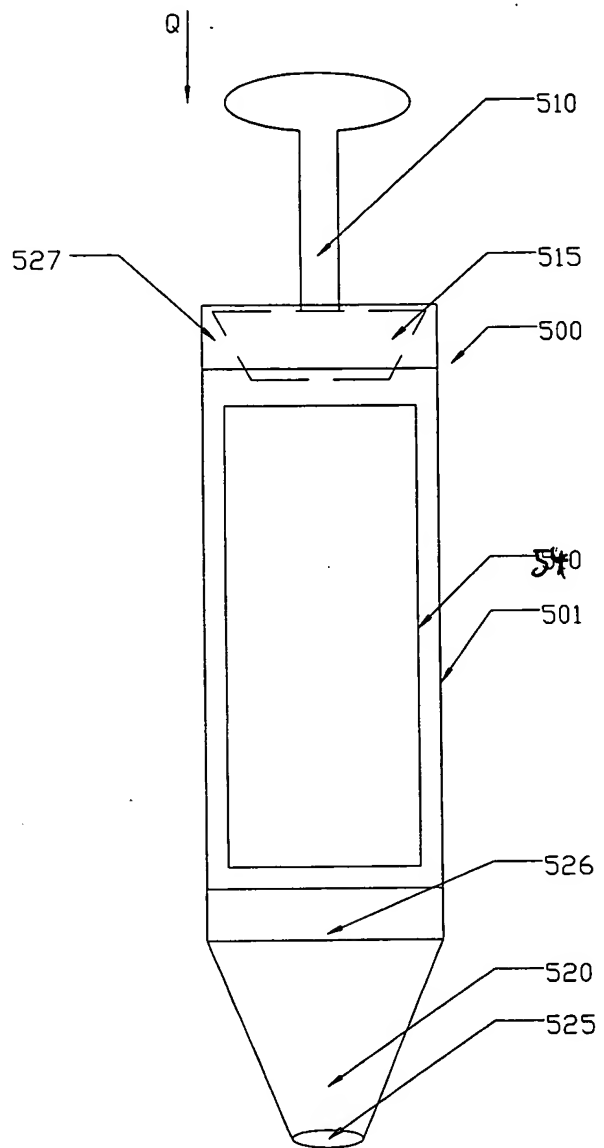


FIGURE 24

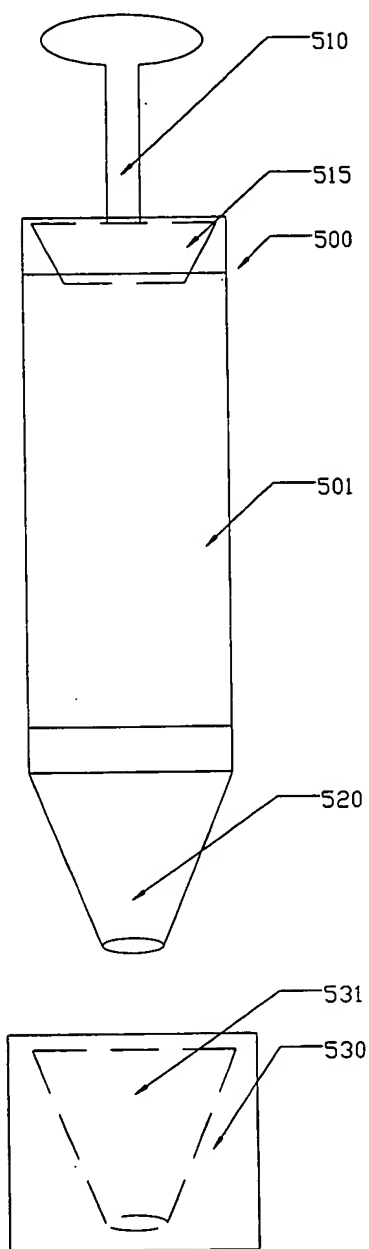


FIGURE 25

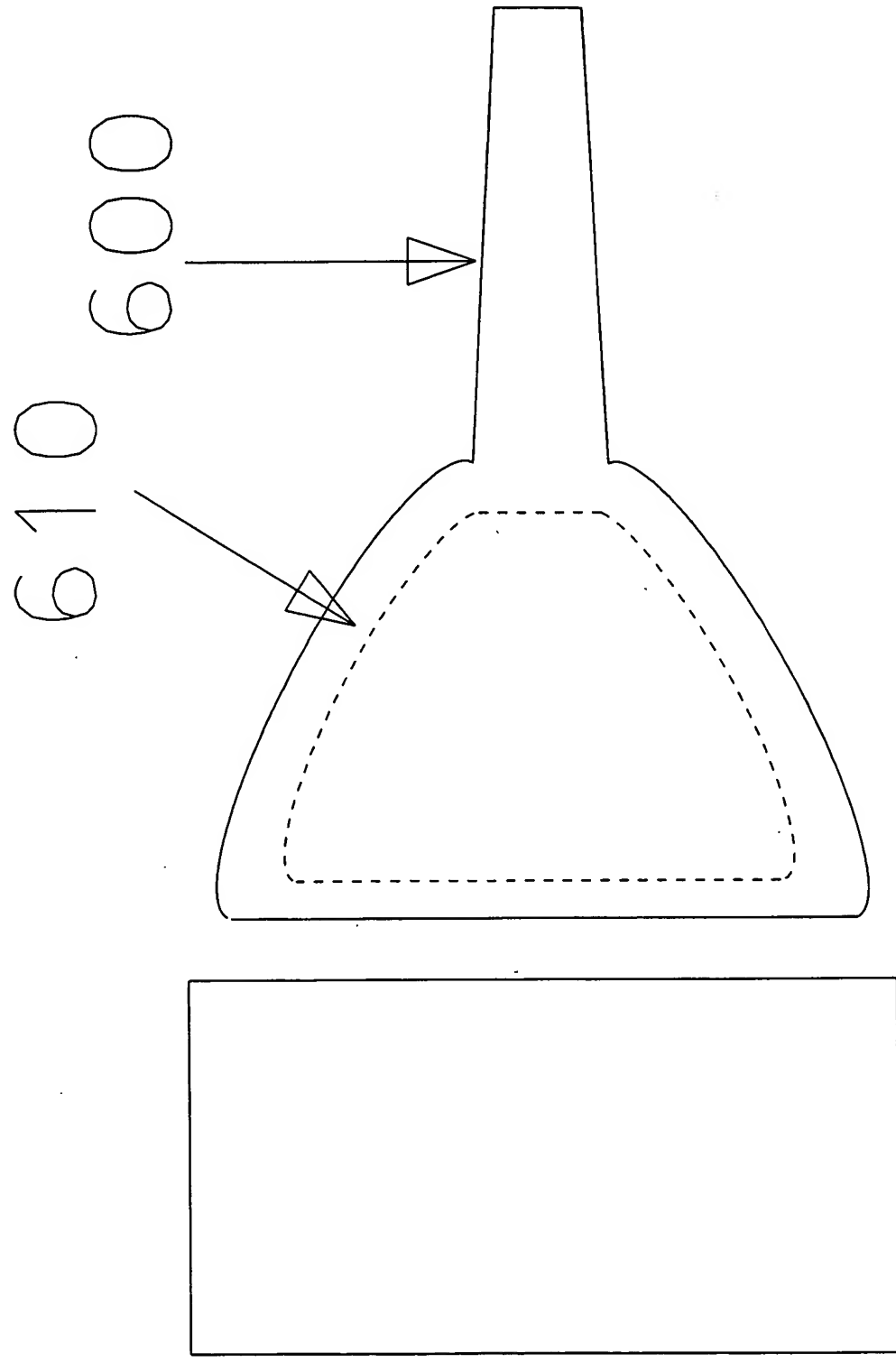


FIG 26

FIG 27

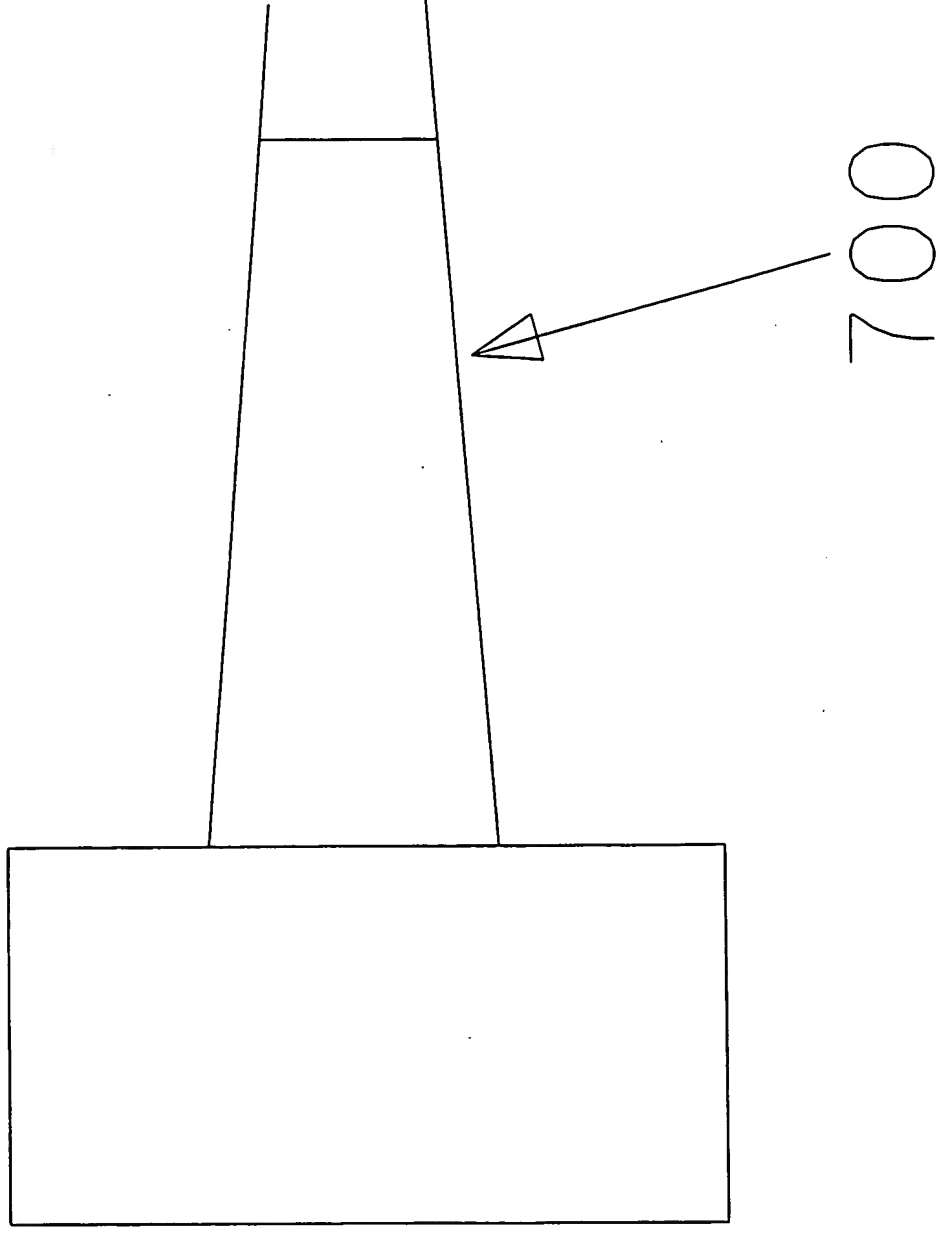


FIG 28a

800

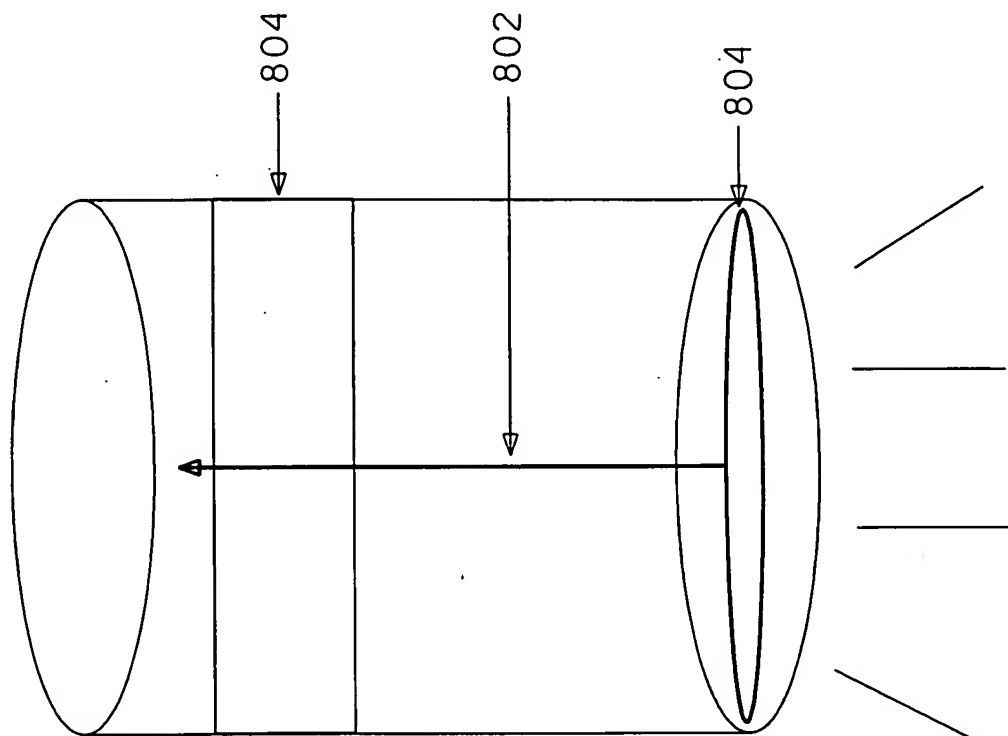




FIG 28b

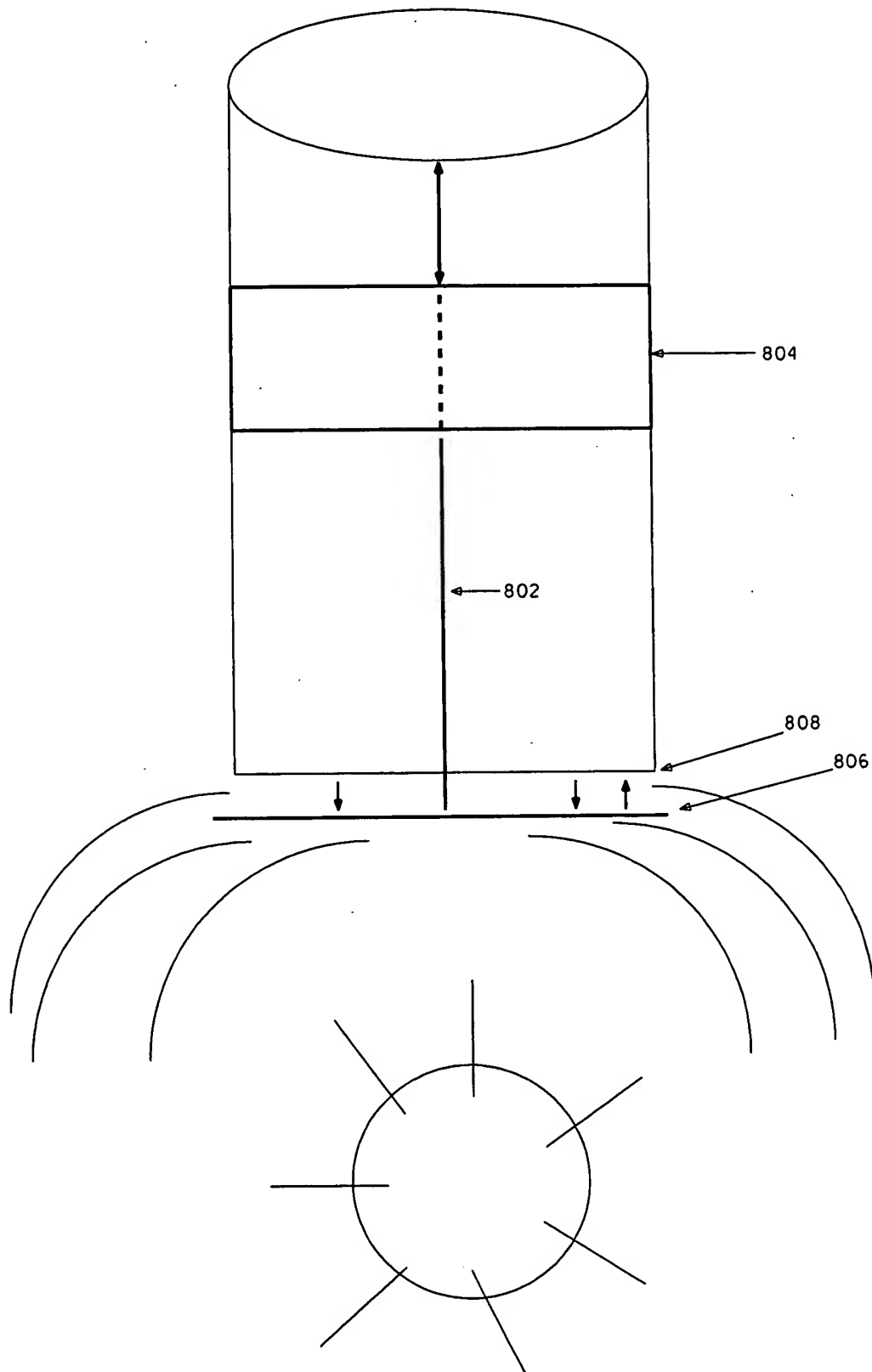
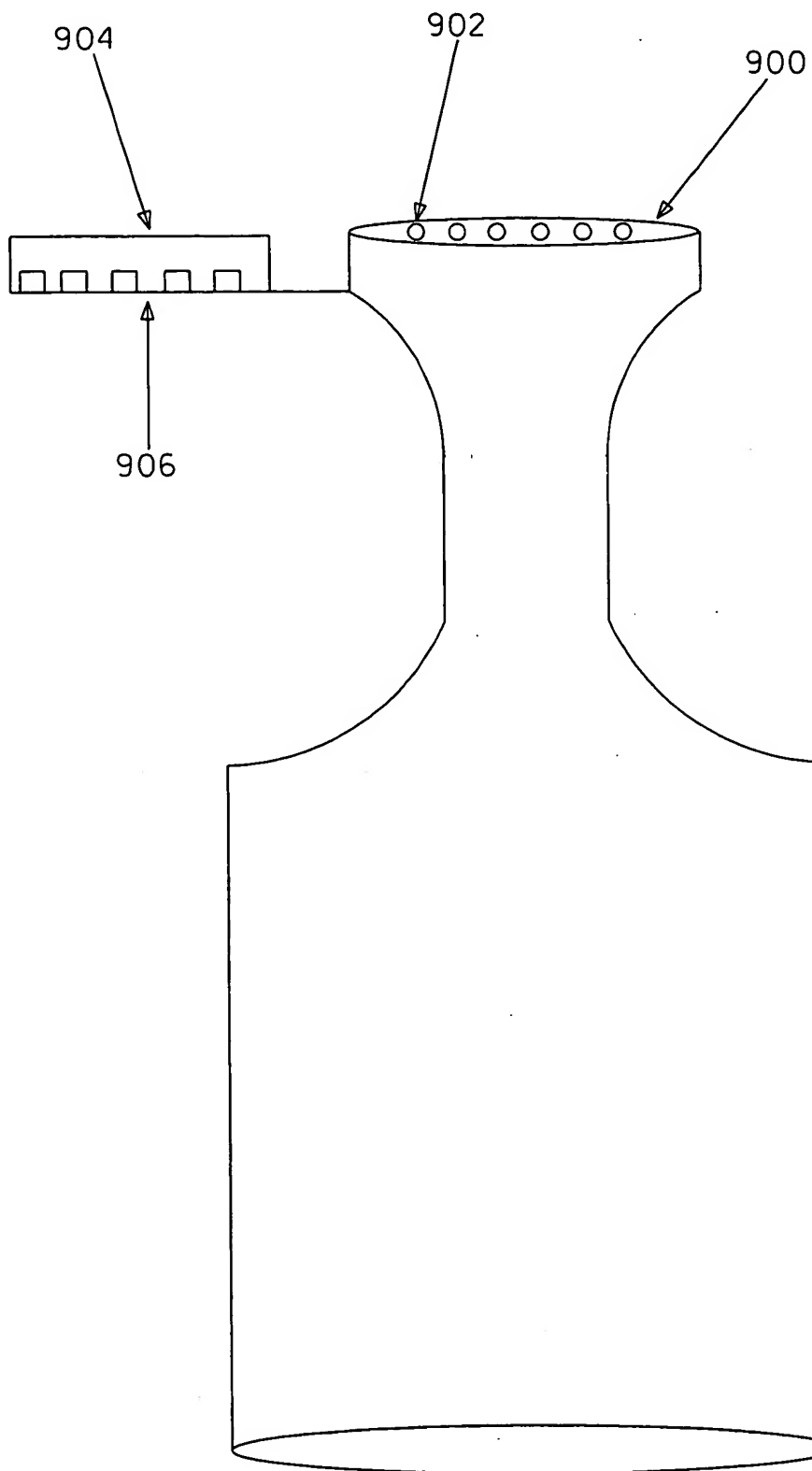


FIG 29



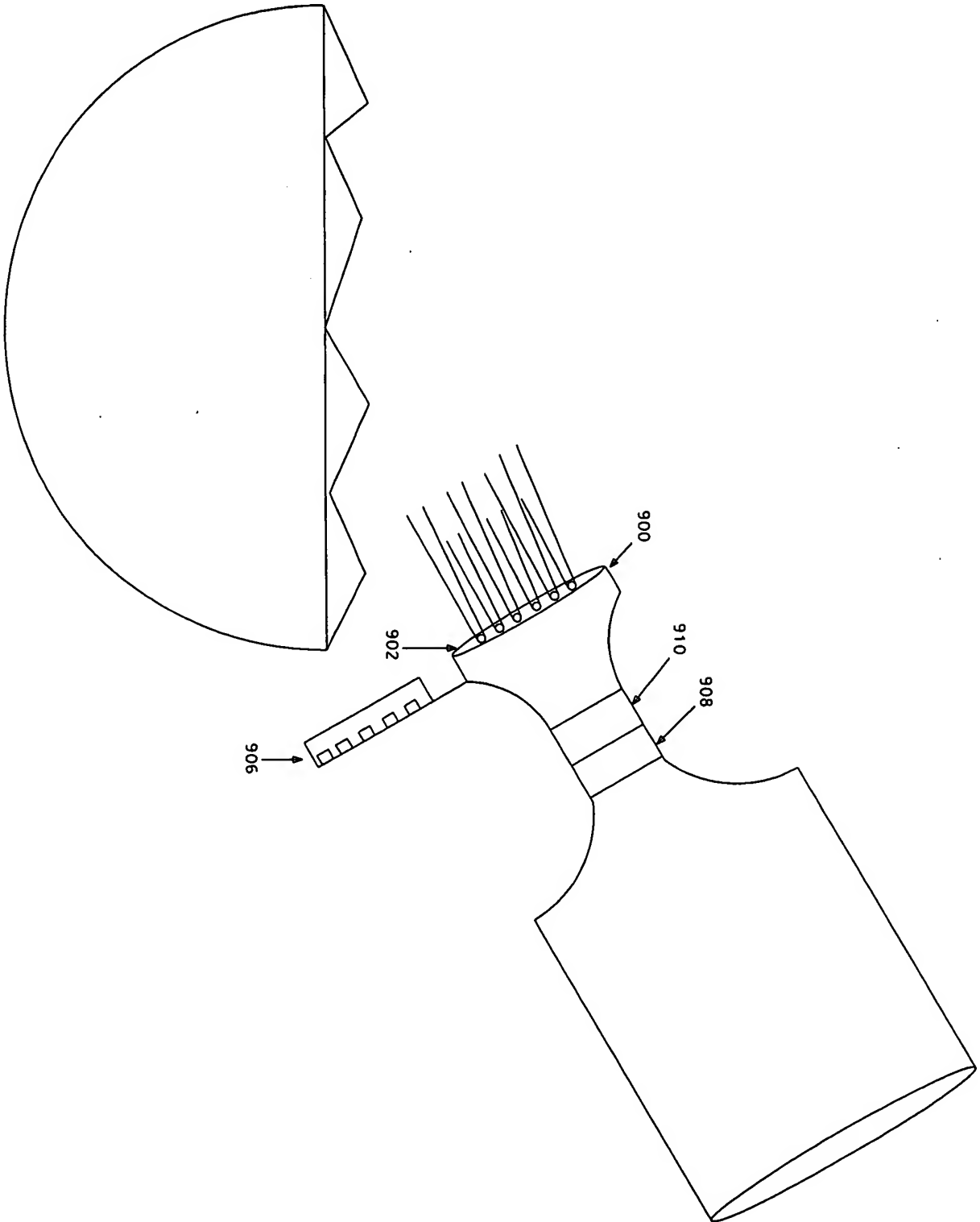
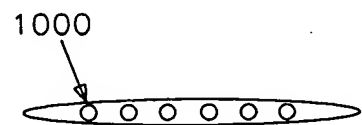
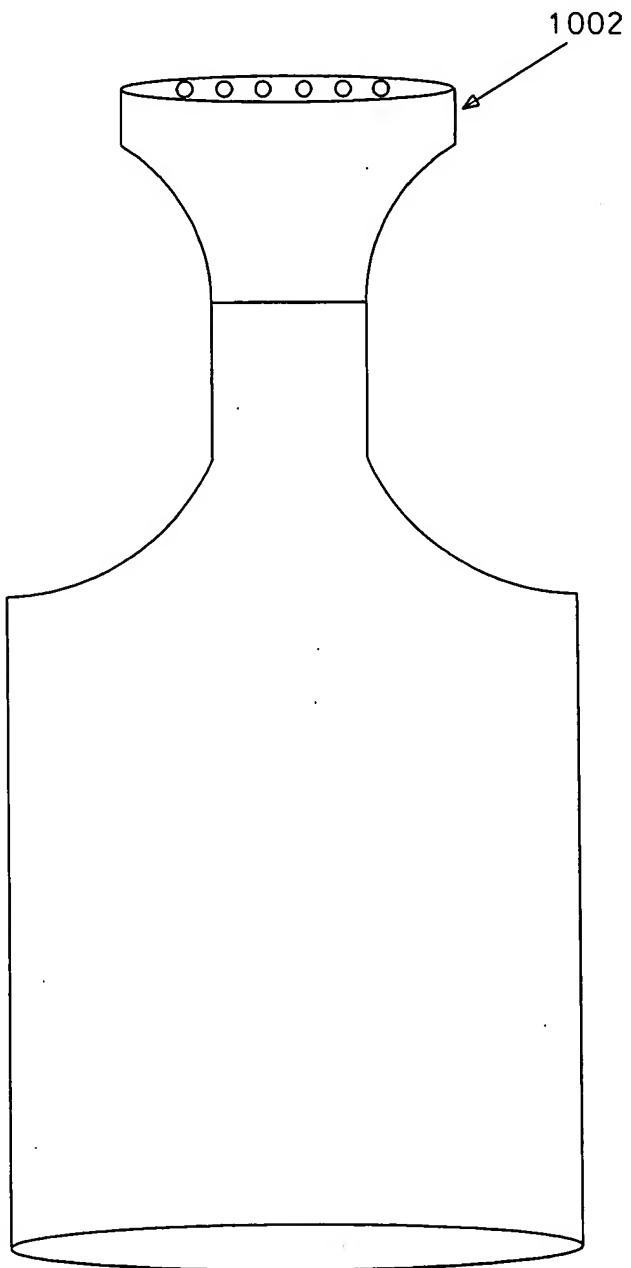


FIG 290

FIG 30



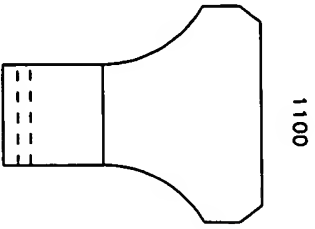


FIG 31

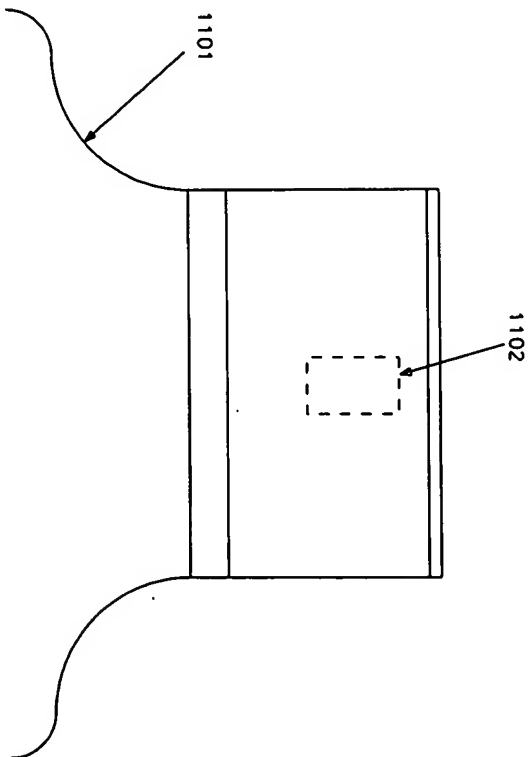


FIG 31a